

FIG.1

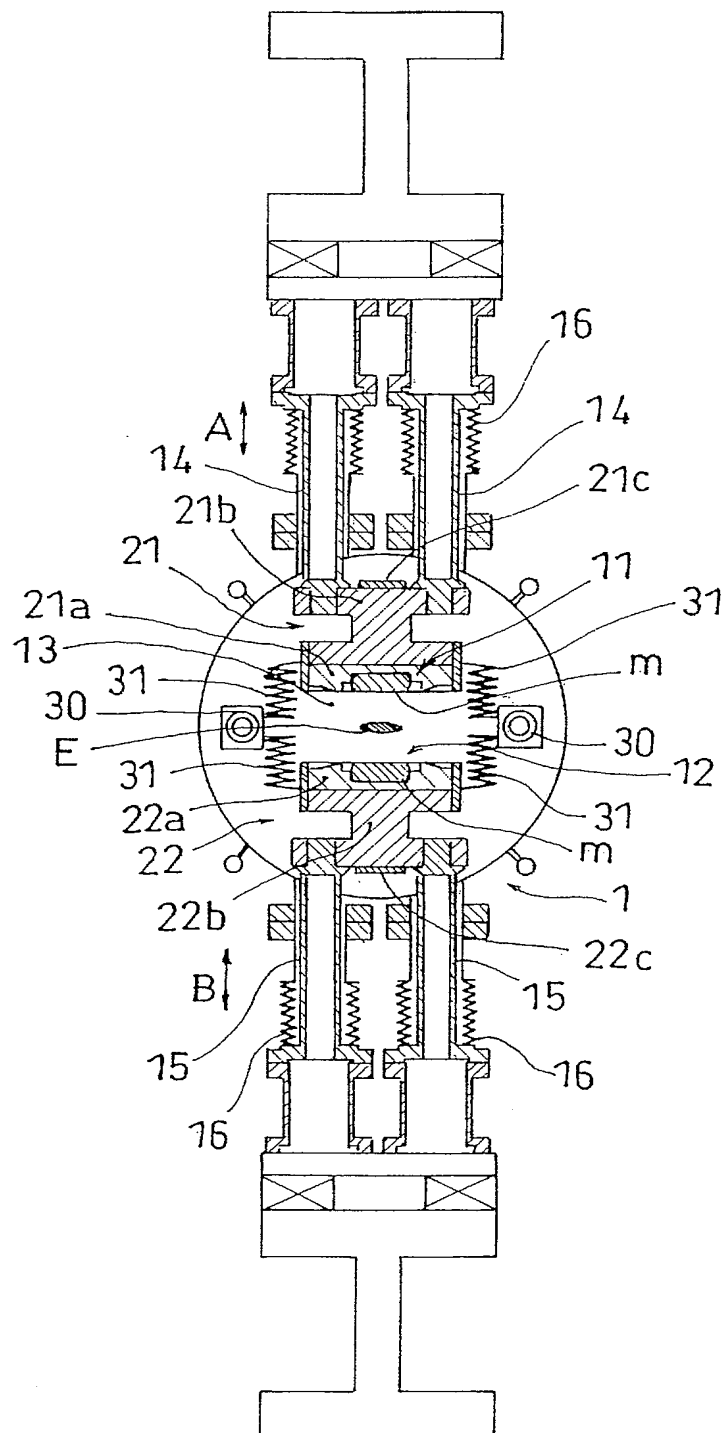


FIG. 2

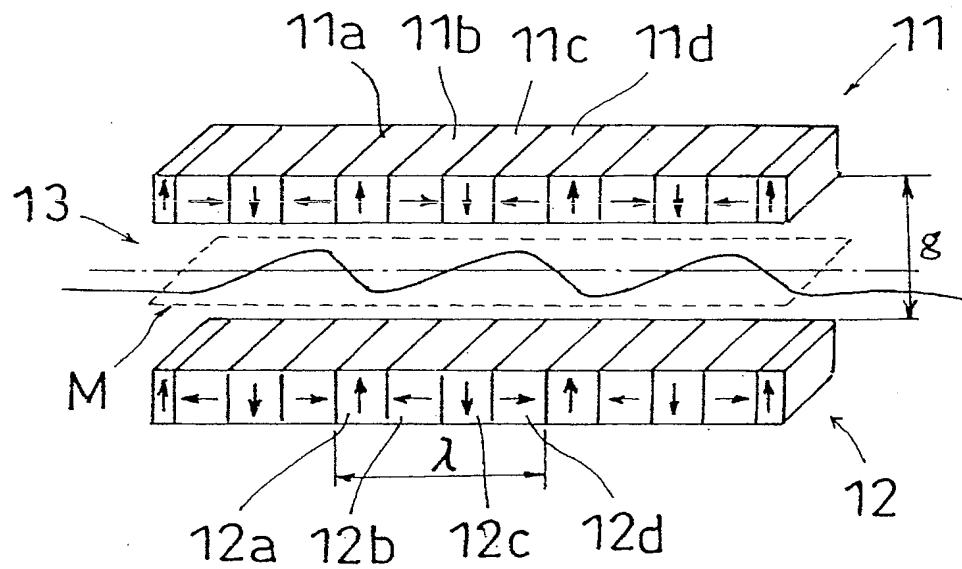


FIG. 3

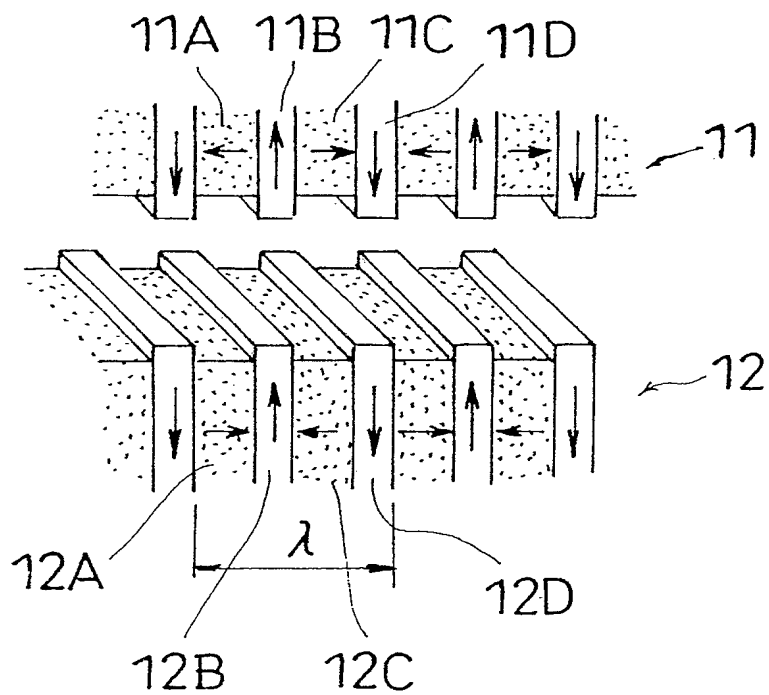


FIG. 4

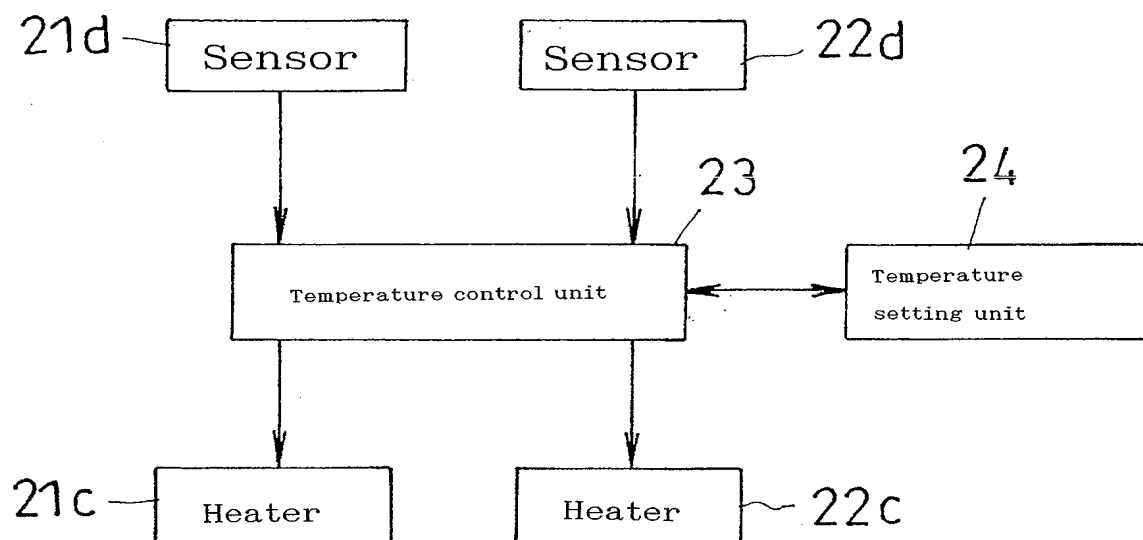


FIG. 5

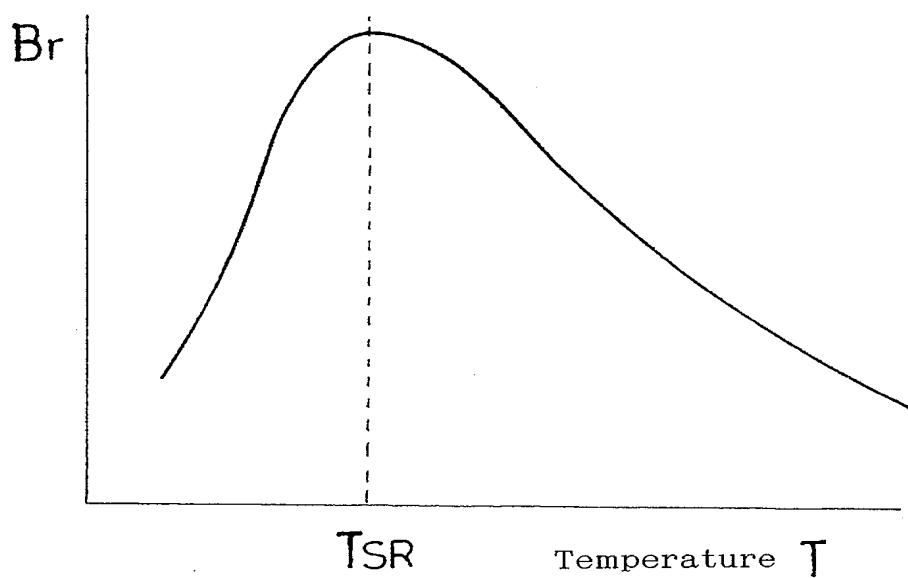


FIG. 6

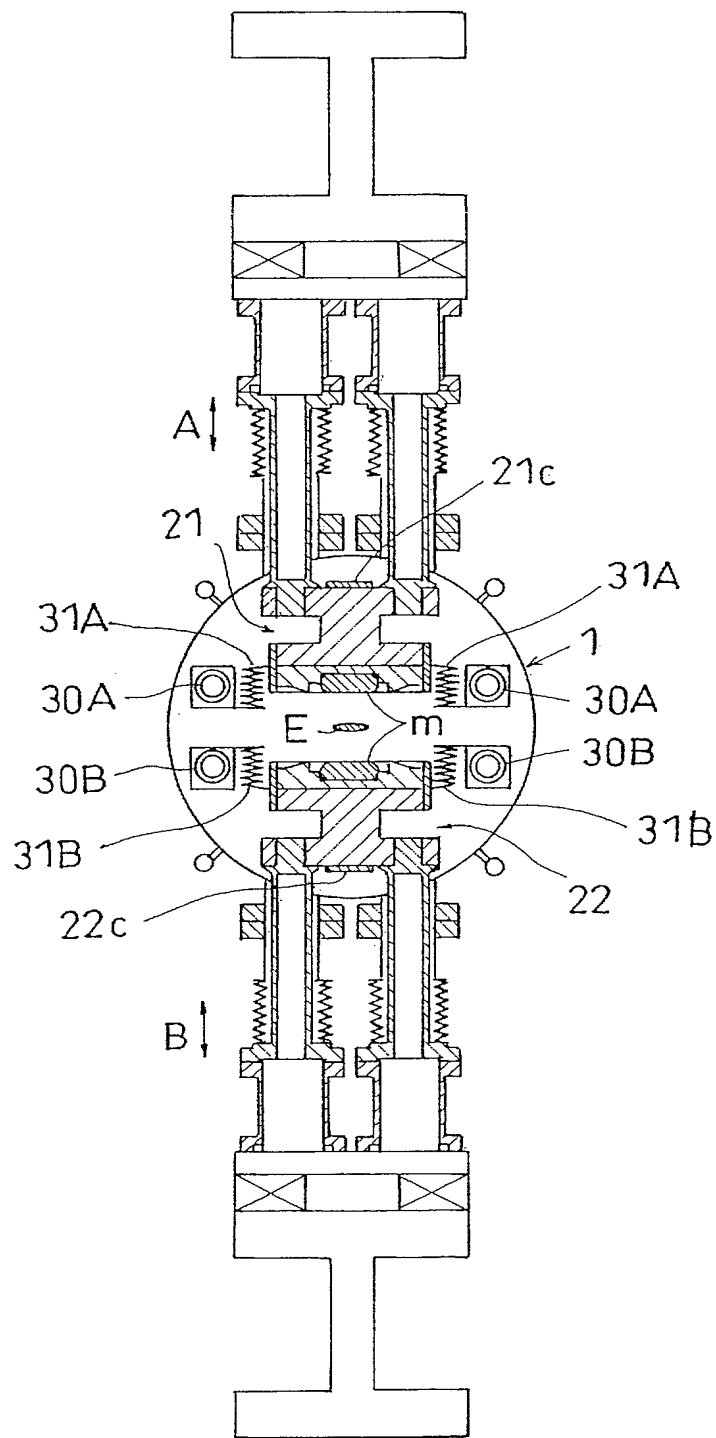


FIG. 7

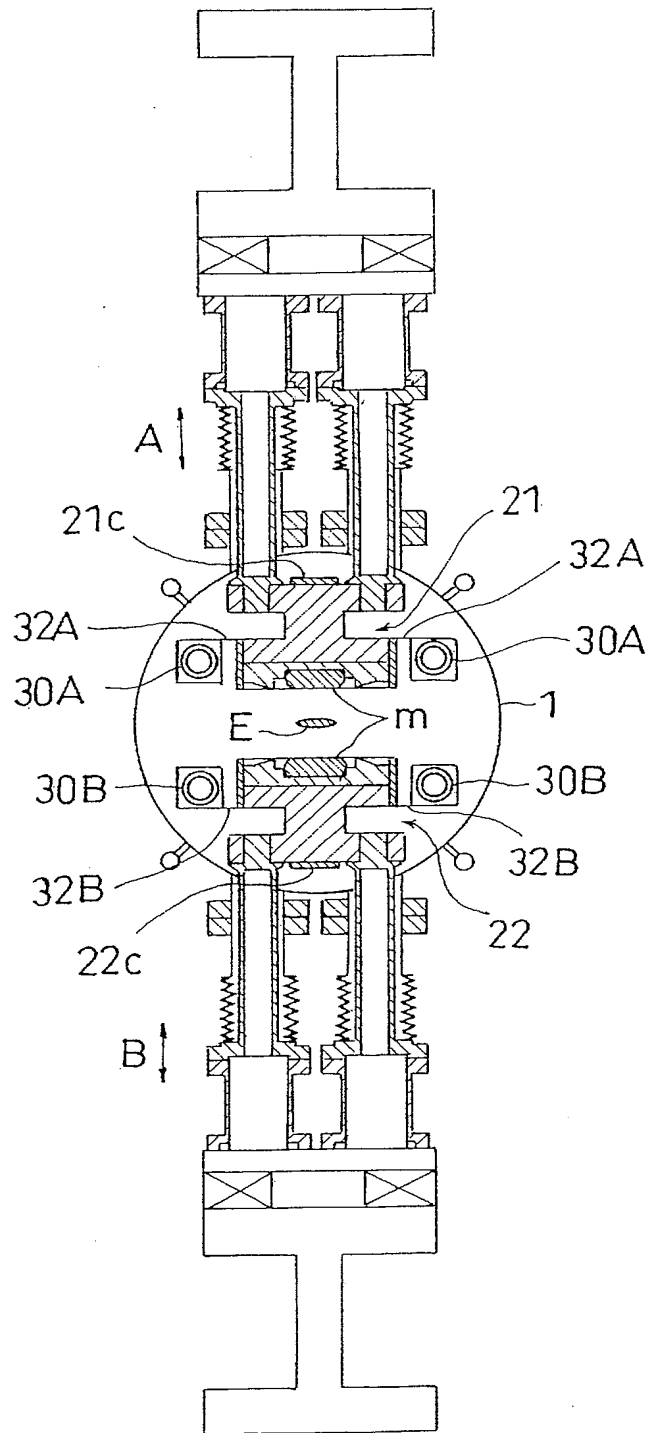


FIG. 8

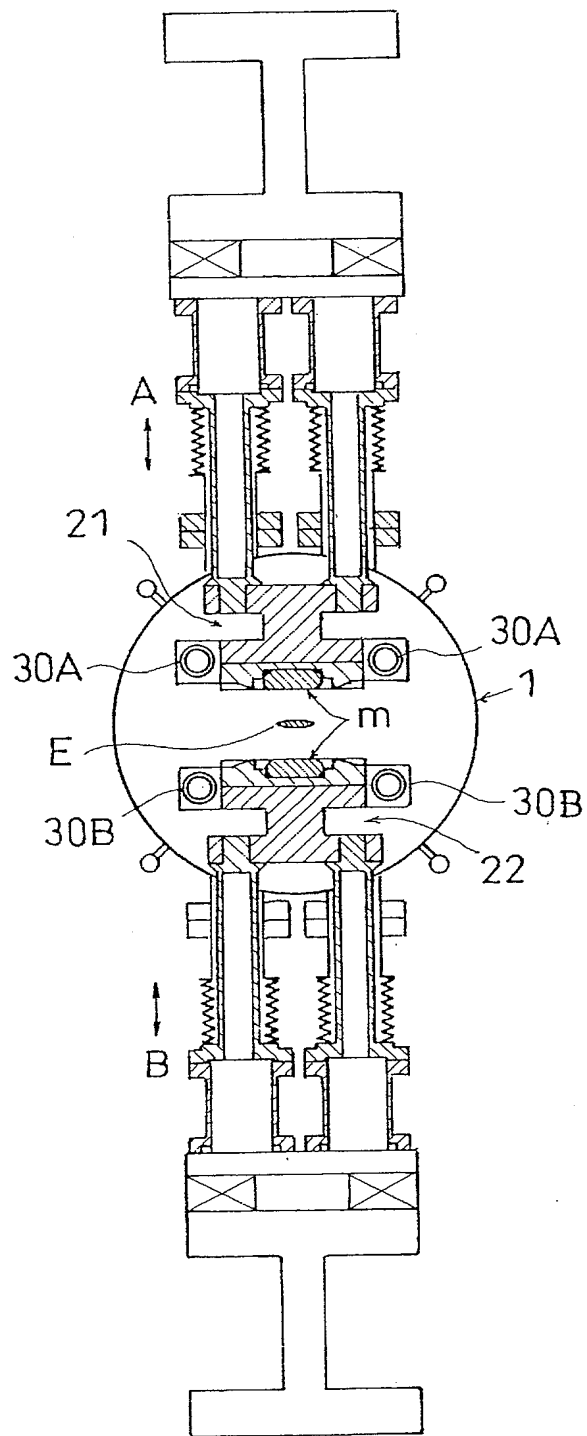


FIG. 9

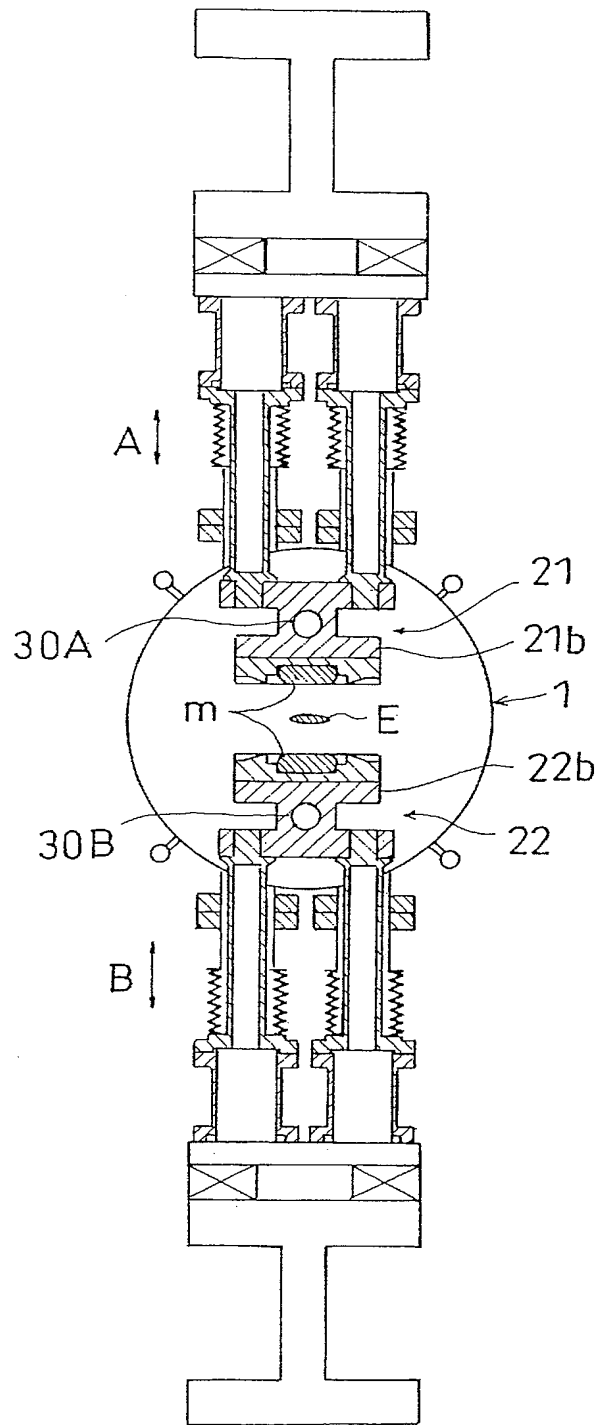


FIG. 10

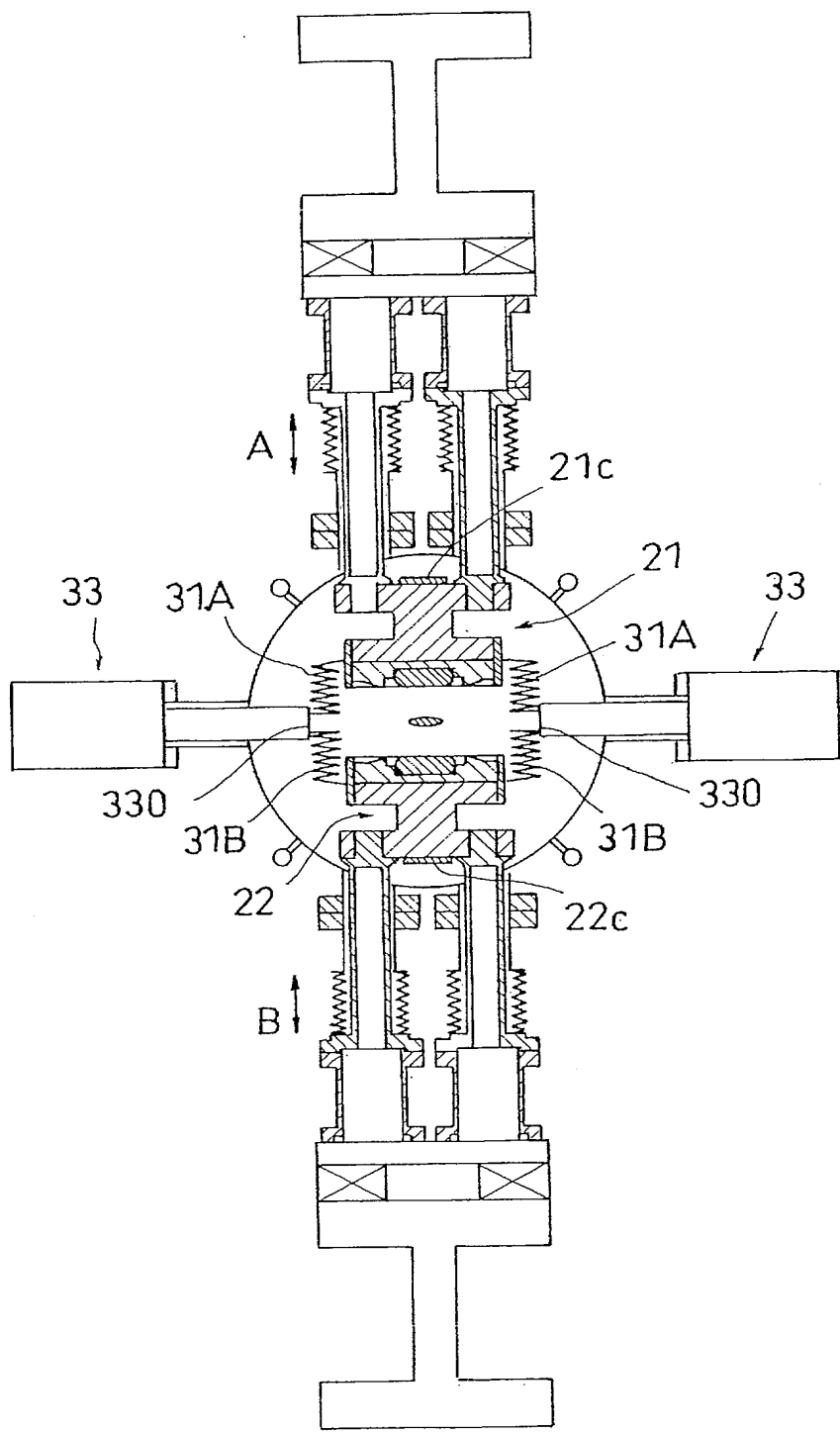


FIG. 12

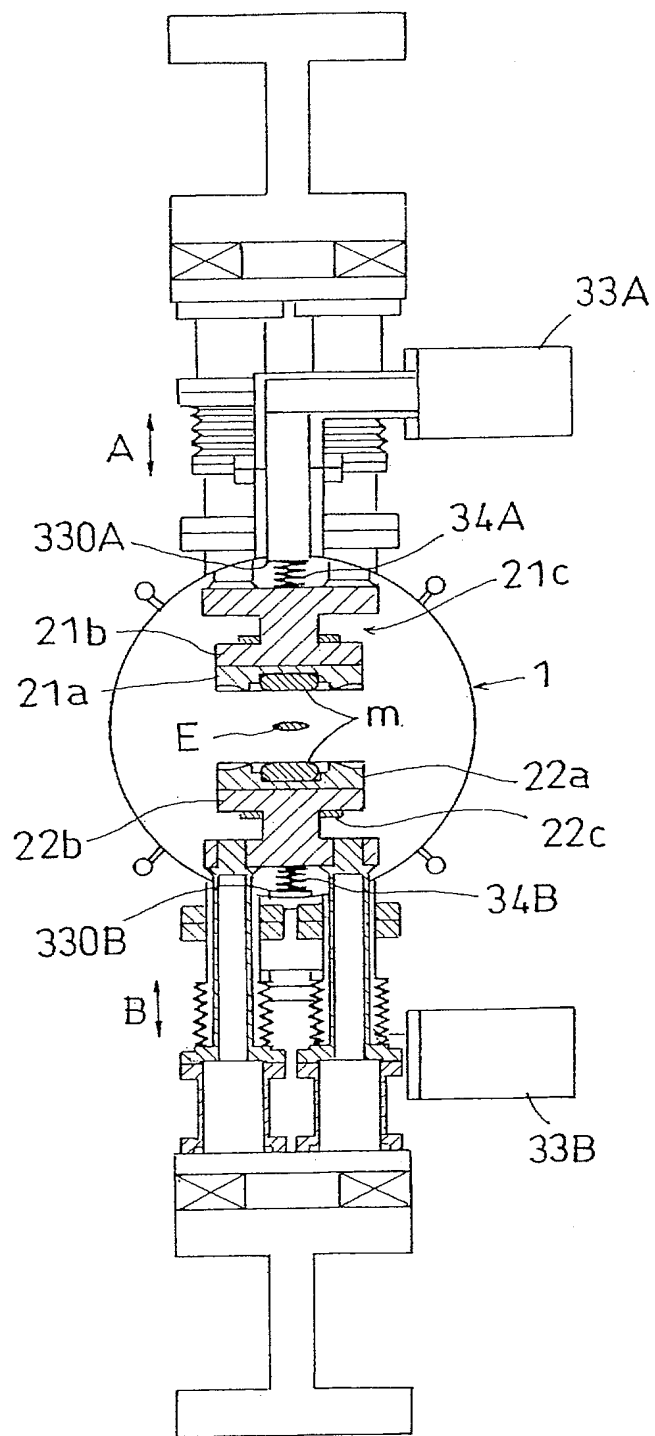


FIG. 13

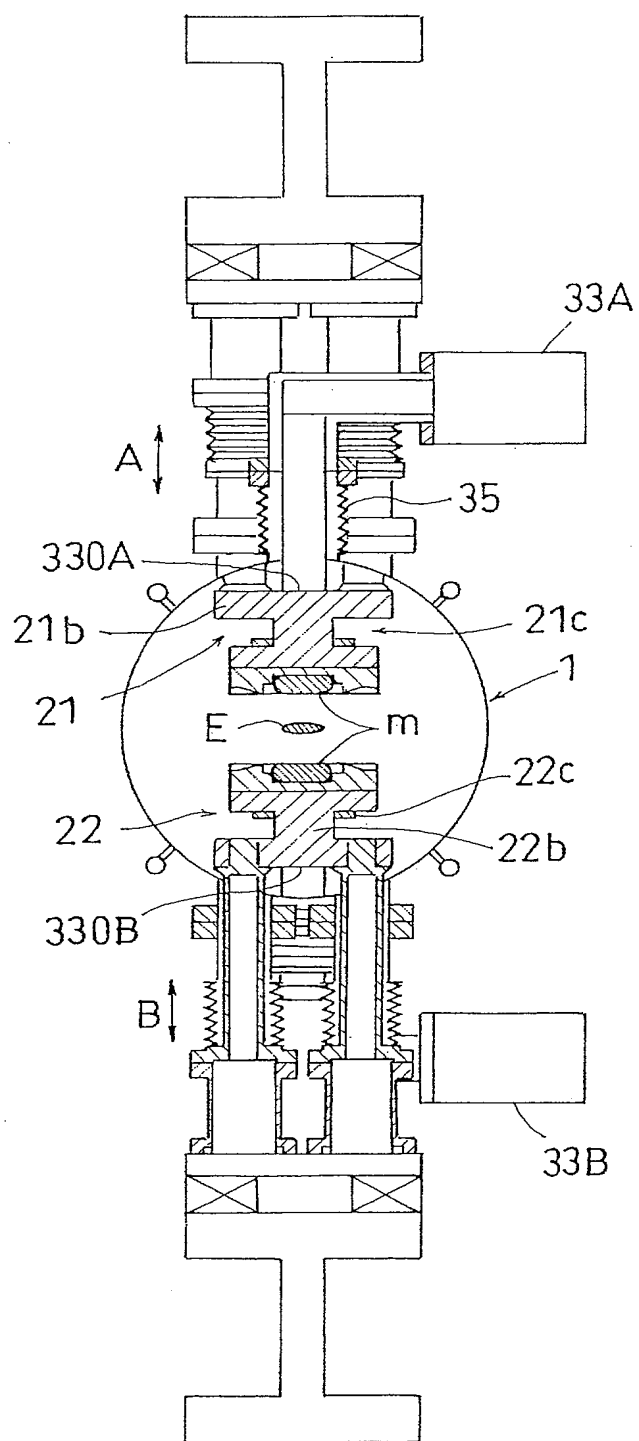


FIG.14

No.	Material name	Nominal value			Measured value						Theoretical limitation
		Temperature	Br (T)	iHc (MA/m)	RT		Low temperature			Br ratio (Low temperature/RT)	
					Br (T)	iHc (MA/m)	Temperature	Br (T)	iHc (MA/m)		
1	NEOMAX50BX	RT	1.39-1.45	>1.1	1.44	1.2	150K	1.58	2.9	1.10	1.61(RT) 1.84(LNT) 1.85(LHeT)
2	NEOMAX48H		1.36-1.42	>1.3	1.38	1.3	145K	1.51	3.4	1.10	
3	NEOMAX44H		1.30-1.36	>1.3	1.36		150K	1.48		1.09	
4	NEOMAX35EH		1.17-1.25	>2.0	1.18	2.0	128K	1.28	4.5	1.09	
5	NEOMAX27VH		1.02-1.10	>2.9	1.12	2.5	128K	1.19	4.8	1.07	
6	NEOMAX53CR	RT	1.29	1.2	1.34	1.1	LNT	1.50	>5.6	1.18	1.56(RT)
		LNT	1.50	5.8							1.84(LHeT)
		LHeT	1.57	6.6							